



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
FUJIMURA ET AL. : GROUP ART UNIT: 1771
Serial No. 10/528,434 :
Filed: March 18, 2005 : EXAMINER: Andrew T. Piziali
For: GLASS CLOTH AND FILM :
SUBSTRATE USING :
THE SAME :

D E C L A R A T I O N

Honorable Commissioner of
Patents & Trademarks
Washington, D. C. 20231

Sir:

I, Yoshinobu FUJIMURA, a Japanese citizen,
155-2, Sotoyashiki, Sako, Kumiya-cho, Kuse-gun, Kyoto,
Japan, declare:

That I am a joint inventor of the above-
identified application;

That I am familiar with the invention of the
above-identified application and the prosecution history
of the application;

That I have read and understand the official
action issued against the above-identified application
on December 20, 2006 and the prior art references cited

therein;

That in order to explain a difference between the present invention and the prior art reference WO 00/60153 A1 that is representative of the conventional technology in the art and was cited as category X in the International Search Report during the international phase, I conducted the following experiments:

EXPERIMENTS

The elongation rate of the warp yarn and the weft yarn of the glass cloth described in Example 4 of WO 00/60153 A1 was measured with a tension of 9 kgf/m during the fiber-opening treatment. The results are shown in Table A as an SS-curve measurement. In Figure A attached hereto, the values of the elongation rate in length direction (X in Table A) and that in width direction (Y in Table A) are plotted in relative to load.

Figure A shows that the curves of the elongation rate in width direction and in length direction largely draw away from each other. Moreover, Table A clearly shows that the ratio of the elongation rate in length direction to the elongation rate in width direction (the value of X/Y in Table A) are away from the scope of 0.8 or more and 1.2 or less which is the requirement of the present invention. It is obvious that no glass cloth of D1 fulfills the requirement of the present invention.

Table A SS-curve measurement

D1 (WO 00/60153 A1)			
Load (N/25mm)	X	Y	X/Y
5.00	0.07	0.11	0.63
10.00	0.14	0.23	0.60
25.00	0.28	0.46	0.60
50.00	0.48	0.70	0.68
100.00	0.83	1.13	0.73

X: The elongation rate in length direction (%)

Y: The elongation rate in width direction (%)

The undersigned declarant declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 5th day of April, 2007.

Yoshinobu Fujimura
Yoshinobu FUJIMURA



FIG. A

